

## Technical Safety Data Sheet

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**Equipment Name:** Horizontal High Density Baler

**Manufacturer:** Logemann Brothers Company

**Address**

3150 West Burligh  
Milwaukee WI 53210-1999

**Telephone Number:** (414) 445-2710

**Fax Number:** (414) 445-1460

**Date Prepared:** December 12, 1997



**Equipment Description:** This equipment is used to compact card board, metal, or plastic. A conveyor belt pushes the material into the densifying chamber. One person is stationed below the level of the compaction chamber at the operating booth to operate the controls and observe the compaction process. An automated wire-tying system is used to bale the compacted materials.

### Precautions for Safe Handling and Use:

Do not step onto the conveyor belt while in operation.

Use extreme caution when feeding wire manually into the baling chamber (this may be necessary if the automated wire tying-system malfunctions). This poses an operator injury hazard (possibly severing fingers).

Perform an equipment safety inspection prior to equipment operation to ensure all connections are tight and hoses are not deteriorated or damaged.

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Be careful when baling elongated objects. They can become stuck in the baling chamber or fall from the top of the hopper onto the operating station.

Ensure containers are empty and all residues are dried prior to crushing.

Wear cut resistant gloves while feeding metal or plastic containers onto the conveyor belt.

Access door is equipped with an interlock to prevent crushing material while the door is open. Do not disable the interlock by any means.

Do not eat, drink or smoke while operating this equipment.

Fluid leaks or overheating of the pump must not be checked by placing a hand directly on the components. Use a piece of card board to check for leaks. Heat can be detected near a component without physically touching it.

Ensure that the compaction chamber is cleaned at the end of each operating day. Bleed off pressure from hydraulic lines (accumulator and high pressure lock-in circuits) and shut off the electrical power before performing any maintenance or repair work.

Review manufacturer's documentation before operating this equipment.

1. User Manual for Horizontal Baler (Logemann Brothers Company)
2. Operating and Maintenance Instructions for Wire-Tying System (Leggett & Platt, Inc.)

### Health Hazard Data

**Chemical Hazard:** None observed

**Physical Hazard:** The manual wire feed into the baling chamber poses an operator injury hazard (possibly severing fingers). Personnel stepping in the pit can get caught in the conveyor belt.

**Biological Hazard:** None observed

**Ergonomic Hazard:** None observed

### Control Measures

**Respiratory Protection:** None

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**Ventilation Requirements:** None

**Eye Protection:** None

**Protective Gloves:** Wear cut-resistant gloves while feeding the material onto the conveyor belt.

**Protective Clothing:** None

**Posting Requirements:** Post warning signs on the sides of the conveyor pit to warn against stepping onto the conveyor while in operation and to use personal protective equipment (cut-resistant gloves) while feeding material onto conveyor.